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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/671,462	09/29/2003	Chung-Hui Chen	CHEN3590/Em	7944
23364 7590 06/04/2007 BACON & THOMAS, PLLC 625 SLATERS LANE FOURTH FLOOR ALEXANDRIA, VA 22314			EXAMINER ZHAO, DAQUAN	
			ART UNIT 2621	PAPER NUMBER
			MAIL DATE 06/04/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/671,462	CHEN ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Daquan Zhao	2621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 29 September 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |                                                                                      |                                                                   |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____                                                          | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-3, 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Han (US 2004/0,120,228 A1).

**Regarding claim 1**, Han teaches a method of controlling multimedia audio and video playback by installing an audio/video playback hardware, a playback control hardware (e.g. paragraph [0025], the microcomputer 14 in figure 1, corresponding to the audio/video playback hardware and the playback control hardware, controls the overall operation of the DVD player, wherein these operations including controlling the processor 11 to playback the video and audio data from the DVD and storing the reproduction mode/recording information (subtitle languages, audio languages, and audio format) into the memory 15), and a data storage medium in a computer device, wherein said audio/video playback program adjusting a setup value for each of the playback setup options and saving the adjusted setup value into said data storage medium (e.g. the setup value corresponding to the user's options for subtitle language, audio language, and audio format), said playback control hardware detecting the execution of said audio/video playback (e.g. figure 2, step s12, Disc to be played, paragraph [0033]) and carrying out the steps of: determining whether or not a

multimedia file waiting to be executed (e.g. figure 2, step s12, Disc to be played, paragraph [0033]); if yes loading the setup value of the playback setup option from the data storage medium (e.g. step s13, paragraph [0033]); thereby said audio/video playback hardware playing the multimedia file according to the content of said setup value (e.g. paragraph [0036], carry out the playback process of the disc based on the selected recording information). Han fails to specify there are software program within the microcomputer 14 and the device can be booted. The examiner takes official notice for software program within the microcomputer and the device can be booted. It would have been obvious for one ordinary skill in the art at the time the invention was made to have utilized the software to control the operation of the system and use the same setting option after the device is booted to reduce the amount of hardware and reduce the process time.

**Regarding claim 2**, Han teaches setup value for each playback setup option for different playback environment is saved in the data storage medium according to the setup group of different natures (e.g. paragraph [0043], different natures corresponds to different language).

**Regarding claim 3**, Han teach said playback control shows a dialog box on the screen of said computer device, and said playback control program comprises a plurality of playback environment options; when a setup group corresponding to a playback environment is selected, the playback control program download the setup group corresponding to said playback environment option from said data storage medium, such that the audio/video playback programs plays according to the content of

the setup group (e.g. paragraph [0038], figure 3 shows the user menu corresponding to the dialog box for the playback environment options).

**Regarding claim 7**, Han teaches data storage medium is a memory installed in said computer device (e.g. figure 1, memory 15 is in the DVD player).

2. Claim 4 rejected under 35 U.S.C. 103(a) as being unpatentable over Han (US 2004/0,120,228 A1) as applied to claim 1-3 and 7 above.

See the teaching of Han above.

**Regarding claim 4**, Han fails to specify a notebook computer. The examiner takes official notice for the notebook computer. It would have been obvious for one ordinary skill in the art at the time the invention was made to have incorporate the system disclosed by Han in a notebook computer to the number of electronic device necessary for the users.

3. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Han (US 2004/0,120,228 A1) as applied to claim 1-3 and 7 above.

See the teaching of Han above.

**Regarding claim 5**, Han fails to specify a desktop computer. The examiner takes official notice for the desktop computer. It would have been obvious for one ordinary skill in the art at the time the invention was made to have incorporate the system disclosed by Han in a desktop computer to the number of electronic devices necessary for the users.

4. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Han (US 2004/0,120,228 A1) as applied to claim 1-3 and 7 above.

See the teaching of Han above.

**Regarding claim 6**, Han fails to specify the memory is a hard disk drive. The examiner takes official notice for the hard disk drive. It would have been obvious for one ordinary skill in the art at the time the invention was made to have utilized a hard disk drive to increase storage space.

5. Claims 8 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Han (US 2004/0,120,228 A1) as applied to claim 1-3 and 7 above.

See the teaching of Han above.

**Regarding claims 8 and 9**, Han fails to teach a movie and song saved in a CD. The examiner takes official for the movie and song saved in the CD. It would have been obvious for one ordinary skill in the art at the time the invention was made to have modified the system of Han disclosed to playback the movie and song saved in the CD to increase the storage space.

### ***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Oka (US 5,448,741); Hirayama et al (US 6,128,434).


Art Unit: 2621

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daquan Zhao whose telephone number is (571) 270-1119. The examiner can normally be reached on M-Fri. 7:30 -5, alt Fri. off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tran Thai Q, can be reached on (571)272-7382. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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